

Activated alumina (CAS 1344-28-1) Market Research Report 2024

<https://marketpublishers.com/r/A68FB444777EN.html>

Date: April 2024

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: A68FB444777EN

Abstracts

Activated alumina (CAS 1344-28-1) Market Research Report 2024 presents comprehensive data on Activated alumina markets globally and regionally (Europe, Asia, North America etc.)

The report includes Activated alumina description, covers its application areas and related patterns. It overviews Activated alumina market, names Activated alumina producers and indicates its suppliers.

Besides, the report provides Activated alumina prices in regional markets.

In addition to the above the report determines Activated alumina consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Activated alumina (CAS 1344-28-1) Market Research Report 2024 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Activated alumina (CAS 1344-28-1) Market Research Report 2024 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name: Activated alumina

Synonyms:

alpha-Aluminum oxide

Alumina

Aluminum trioxide

Aluminium oxide

Nanometer High-purity Alumina

Activated Alumina for Hydrogen
Peroxide

ALPHA-ALUMINA

Aluminum oxide

BROWN FUSED ALUMINA

Alumina (type unspecified)

?-Alumina

Alumina, activated

Alumina, calcined

Alumina, chromatographic

Alumina, fused

CAS#:

1344-28-1

1333-84-2

90669-62-8

Formula:	Al_2O_3
Molecular Weight:	101.96
Appearance:	White crystalline solid or powder, very hard, odorless.
Usage:	Production of aluminum, manufacture of abrasives, refractories, ceramics, electrical insulators, catalyst & catalyst supports, paper, spark plugs, crucibles & laboratory works, adsorbent for gases & water vapors, chromatographic analysis, fluxes, light bulbs, artificial gems, heat resist

Activated alumina refers to a synthetically processed white to slightly red, odorless compound with the molecular formula Al_2O_3 . The compound is produced from aluminium oxide by dehydroxylating.

The compound is highly porous, resistant to thermal shock and abrasion. Activated alumina does not shrink, swell, soften or disintegrate in water. The compound shows significant capacity of absorption, high mechanical strength. Activated alumina is thermally stable as it starts boiling at 2980°C.

The compound functions as a catalyst, desiccant, fluoride absorbent. It is used for adsorbent and catalyst applications including the adsorption and holding moisture with change in the form of properties, the adsorption catalysts in the production of polyethylene. Due to its beneficial chemical and physical properties, the compound is utilized for the purification and drying of organic gases, air and liquids.

Activated alumina is almost non reactive in the biological environment, and causes few side effects to human health. Still, a prolonged direct contact with activated alumina may cause an irritation or slight abrasive damage to eyes or skin.

Activated alumina market is covered in the study Activated alumina (CAS 1344-28-1) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks activated alumina market situation, names manufacturers, suppliers as well as users. The report also provides current activated alumina prices.

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